



# भारत का राजपत्र

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No. 48] NEW DELHI, SATURDAY, NOVEMBER 30, 1968 (AGRAHAYANA 9, 1890)

इस भाग में भिन्न पृष्ठ संख्या वाली है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 30th November 1968

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

11th November 1968

- 118492. M/s. Electrical Installations Corporation. Air spreading device for fans.
- 118493. A/s. Teknova. Improvements in or relating to fixture for securing on the end of a tubular member.
- 118494. American Cyanamid Company. 7-heterocyclic codides and morphides.
- 118495. E. I. du Pont de Nemours and Company. Metal bonded aluminacarbide compositions.
- 118496. The Air Preheater Company, Inc. Nozzle for cooling towers.
- 118497. Libbey-Owens-Ford Company. Method and apparatus for tempering flat sheets or plates of glass.
- 118498. The Lubrizol Corporation. Novel phosphating solutions containing lead and fluoride ions.
- 118499. J. P. Palkhiwala. Variable speed drive.
- 118500. International Standard Electric Corporation. Accounting system for telephone exchanges.
- 118501. Union Carbide Corporation. Polymerization of ethylene using supported bis-(cyclopentadienyl) chromium (II) catalysts.
- 118502. Sandoz Ltd. Improvements in or relating to organic compounds (13th November 1967).
- 118503. Pilkington Brothers Limited. Improvements in or relating to regenerative furnaces. (14th November 1967).

- 118504. Molins Machine Company Limited. Improvements in or relating to tool-holding devices. (15th November 1967).
- 118505. Giddings & Lewis-Fraser Limited. A device for uniting two yarns. (27th January 1968).
- 118506. N. V. Philips' Gloeilampenfabrieken. Novel adjuvant vaccine and method of producing the same. (13th November 1967).
- 118507. N. V. Philips' Gloeilampenfabrieken. Basic substance for the manufacture of a permanent magnet.
- 118508. Societa Farmaceutici Italia. Process for preparing pigmenting products.
- 118509. W. Dickinson and W. J. M. Hains. Improvements in the manufacture of structural members.
- 118510. Mefina S. A. Improved thread take-up lever for a sewing machine.
- 118511. Joseph Lucas (Industries) Limited. Labelling system for vehicle headlamps. (20th November 1967).
- 118512. Tenco Brooke Bond Limited. Improvements in or relating to the fermentation of tea. (23rd January 1968).
- 118513. Span-Deck, Inc. System for the production of cast concrete members.
- 118514. Dr. Y. Sachdev. Preparation of an anti-microbial agent.
- 118515. Council of Scientific & Industrial Research. Improvements in rotary-lobe type blowers, pumps or expanders.
- 118516. Council of Scientific and Industrial Research. A household sprayer for the application of water dispersible insecticidal formulations and fumigant emulsions in rat burrows.
- 118517. Council of Scientific and Industrial Research. An insecticidal vaporant for household and industrial pest control.

118518. Council of Scientific and Industrial Research. A new coating composition for carbon paper production.

118519. Schering Aktiengesellschaft. New sulphonamides and process for their manufacture.

12th November 1968

118520. V. K. Videh. Powerless radio receiver.

118521. CKD Praha oborovy podnik. Improvements in or relating to semiconductor devices.

118522. Valcovny plechu, narodni podnik. Method of preparation of reducing alkaline descaling bath.

118523. Siemens Aktiengesellschaft. Semiconductor devices (25th January 1968).

118524. Nauchno-tekhnicheskye i.e.-rotkhnicheskye institut. Automatic breaker.

118525. Joseph Bancroft & Sons Co. Adjustable roll support.

118526. Marshall's Tea Machinery Company, Limited. Improved conveyor. (14th November 1967).

118527. Anglo-Transvaal Consolidated Investment Company Limited. Improvements in rock breaking equipment.

118528. The Distillers Company (Yeast) Limited. Yeast and method for its production (23rd November 1967).

118529. The Dunlop Company Limited. Improvements in or relating to moulding apparatus. (18th November 1967).

118530. The Dunlop Company Limited. Improvements in or relating to moulding apparatus. (18th November 1967). [Addition to No. 110184].

118531. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in relating to the purification of zinc. (1st December 1967).

118532. Rheinmetall G.m.b.H. Piston for vibration dampers.

118533. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and device for making pipe bends of thermoplastic material.

118534. P. T. Chellaram. Improvements in or relating to candles.

118535. Montecatini Edison S.p.A. Pesticidal compositions.

118536. K. S. Shetty. Improvements in or relating to fertilisers and the like.

13th November 1968

118537. C. S. Kalla. Charge booster for motor cycles containing battery and rectifiers which charges the battery of motor cycles at boosted rates.

118538. Makhteshim Chemical Works Ltd. Process for the preparation of cyclic sulfites.

118539. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble disazo dyestuffs and process for its preparation.

118540. Societe D'Appareils De Controle Et D'Equipment Des Moteurs S. A. C. E. M. Improvements in or relating to rotating grip controls for motor cycles.

118541. Hindle, Son and Company Limited. Improvements in machines for finish processing of endless felts. (14th November 1967).

118542. Halcon International, Inc. Process for preparation of peresters.

118543. Bendix-Westinghouse Automotive Air Brake Company. Relay emergency valve.

118544. Universal Oil Products Company. Improved process for the preparation of alkyl-aromatic hydrocarbons.

118545. Imperial Chemical Industries Limited. Apparatus for mineral seismotrophic prospecting. (21st November 1967).

118546. Imperial Chemical Industries Limited. New pathalo-cyanine dyestuffs (23rd November 1967).

118547. The Goodyear Tire & Rubber Company. Improvements in polybutadiene method.

118548. Agfa-Gevaert Aktiengesellschaft. Apparatus for the continuous processing of photographic material in strip form.

118549. Ciba Limited. Aminoalkyl-indazoles, process for their manufacture and compositions containing them.

118550. Sandoz Ltd. Improvements in or relating to organic compounds. (15th November 1967).

118551. Sandoz Ltd. Improvements in or relating to organic compounds. (15th November 1967).

118552. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of pure, colourless diphenylcyclophthalate. [Addition to No. 93206].

118553. Amsted Industries Incorporated. Collapsible core.

118554. Ciba Limited. Thiophene-1, 1-dioxides, process for their manufacture and preparations containing them.

118555. D. G. S. Sekhon. Oscillating valve for artificial respiration and apparatus in combination thereof.

14th November 1968

118556. Apple Electronics Limited. Radio Receiver circuits. (17th November 1967).

118557. Nitro Nobel Aktiebolag. Blasting compositions.

118558. W. Heubl. Structural elements for toys, which are built up from a number of such structural elements.

118559. Allied Chemical Corporation. Processes for the preparation and separation of ionic salts.

118560. Rhone-Poulenc S. A. New process for the preparation of daunorubicin.

118561. British Insulated Callender's Cables Limited. Improvements in accumulators for wire and other flexible material. (15th November 1967).

118562. Albright & Wilson Limited. Method of recovering vegetable, animal and marine oils. (15th November 1967).

118563. American Flange & Manufacturing Co., Inc. Feeding bottle combination.

118564. United States Steel Corporation. Apparatus for controlling discharge of metal from a vacuum degassing chamber.

118565. Farbensabuiken Bayer Aktiengesellschaft. Thermoplastic composition containing an insecticide.

118566. Snam Progetti S.p.A. Improved process for the preparation of microspheres from substances whose conglomeration is difficult, and product obtained thereby.

118567. Dr. M. S. R. Hattiangadi. Photoelectro pneumatic transducer for electronic and mechanical input and pneumatic and electrical operation of the final control.

118568. A. Chandra. An instrument "Ami-auto-timer" for automatically operating any type of electrical appliance or equipment at any pre-set time.

15th November 1968

118569. Council of Scientific and Industrial Research. Production of microcrystalline cellulose from bamboo and reed.

118570. Council of Scientific and Industrial Research. A brick extrusion machine.

118571. G. G. Dandekar. Incandescent petromax-like lamp without the use of air-pressure but with wicks and proper air feeding devices for perfect combustion of the wicks and with refractory mantle.

118572. Hindustan Lever Limited. Process for preparing edible fats. (20th November 1967).

118573. Veb Filmfabrik Wolfen. Photopolymerisable lacquer. (20th February 1968)

118574. Oldham & Son Limited. Improvements in electric batteries (16th November 1967).
118575. Calbiochem. Process of mucolysis.
118576. Adolph's Food Products Mfg. Co. Algin product and process of producing same.
118577. Sandoz Ltd. Improvements in or relating to organic compounds. [Addition to No. 108847].
118578. W. X. Halloran. Convertable hip pin.
118579. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of uncrosslinked terpolymers.
118580. J. R. Geigy A. G. Extrusion device. (16th November 1967).
118581. J. R. Geigy A. G. Process for recovering liquid cyanuric chloride.
118582. Imperial Chemical Industries Limited. Improvements in or relating to presses. (23rd November 1967).
118583. Alcan Research and Development Limited. Process for colouring anodised aluminium by electrolytic deposition. (24th November 1967).
118584. The Goodyear Tire & Rubber Company. Improvements in polymerization process.
118585. Farbenfabriken Bayer Aktiengesellschaft. Bis-(N-acylamino-phthalimide)-disazo dyestuffs.
118586. Caterpillar Tractor Co. Track hinge joints with rotating bushings.

#### Alteration of Date

115975. Ante-dated to 10th May 1967 under Section 5 of the Act.
116109. Ante-dated to 9th February 1967 under Section 5 of the Act.
117903. Ante-dated to 15th February 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

80086. Meito Sangyo Kabushiki Kaisha. Milk coagulating enzyme 'microbial rennet' method of preparation thereof and coagulating milk or making cheese therewith. (Accepted on 10th December 1965).

*Cultivating on a nutrient medium a fungus of the group *Mucor pusillus* Lindt and fungi of the genera *Rhizopus*, *Monascus*, *Ascochyta*, *Sclerotium* and *coleorichum*.*

84842. Krauss-Maffei Aktiengesellschaft. Method and apparatus for obtaining vegetable oils from fresh oleiferous fruits. Accepted on 14th March 1965.

*Separating the shells by steam pressure and then comminuting and pressing the first pulp to separate the oil which is finally centrifuged.*

84992. Riviana Foods Inc. Process for the preparation of precooked rice. Accepted on 31st March 1967.

*Characterized by a thermal cycling pretreatment to render the rice grain highly permeable and absorptive.*

91784. W. F. DePenning. Process of preparing a soluble tea product. Accepted on 31st March 1966.

*Comprising the preparation of an initial aqueous tea extract from tea leaves the cooling of said extract in order to precipitate a portion of the tea tannins and separation of said tannins by clarification.*

93618. Esso Research and Engineering Company. Process for producing high protein feed supplements from hydrocarbons. Accepted on 13th November 1968.

*Contacting a C<sub>1</sub>-C<sub>20</sub> hydrocarbon, a liquid aqueous inorganic salts growth medium and an oxygen containing gas with a bacteria capable of growing on said hydrocarbon.*

99844. R. M. Gonzales, M. Sinaloa and M. J. Rubio. Process and apparatus for the production of tortilla flour. Accepted on 13th April 1967.

*Comprises steeping whole grain corn in the presence of from 70—100% by weight of water on the weight of the corn and in the presence of calcium oxide sufficient to react with the corn and partially nixtamalize it and to establish an initial pH in the bath of about 12.5 and a final pH in the bath during cooking of about 8, for a time of between 3 and 5 minutes at a temperature of between 90 and 95°C.*

109204. R. M. Bogomolov, M. M. Karpeev, G. M. Rodshtein, J. I. Chernov, I. D. Shakhov and A. S. Judin. Boring cutter rock bit. Accepted on 14th November 1968.

*Wherein the working surface of the teeth is made up of two or more known wedge-shaped blades converging in one point.*

109205. Zhdanovsky zavod tyazheologo mashinostroenia. Operating equipment of straight-shovel type for single-bucket excavators. Accepted on 6th November 1968.

*Characterized by an arm with a shaped cam on the end thereof adjoining a boom, the arm being connected to the boom, by flexible members.*

109214. Tokyo Shibaura Electric Company Limited. Improvements in or relating to terminal structures for electrical foil wound windings. Accepted on 6th November 1968.

*Comprising a connecting piece, at least one lead conductor plate secured to one portion of connecting piece and means to secure the other portion of the connecting piece.*

109235. Demag Elektrometallurgie GMBH. Control of discontinuous electric melting furnaces. Accepted on 8th November 1968.

*Comprising a comparing unit having a first and second input terminals, first input terminals connected to first means adapted to provide a signal corresponding to the total energy second terminal connected to second means adapted to provide a signal corresponding to the energy actually consumed.*

109250. Council of Scientific and Industrial Research. Axial piston pumps or motors. Accepted on 8th November 1968.

*Comprises a cylinder barrel carrying pistons with shoes that press against swash plates wherein are provided two sets of pistons, swash-plates and gearing.*

109299. Ordena Trudovogo Krasnogo Znameni Institut Elektrosvarki imeni E. O. Patona. A device for controlling the drive of the mechanism for feeding electrode. Accepted on 11th November 1968.

*Comprising switching in relay, elements, electric motor starting device open contact and contractor.*

109322. Rohm and Haas Company. Novel amide-amidine derivatives of polyalkenylsuccinic anhydride or acid and their process of preparation. Accepted on 11th November 1968.  
*Reacting an amic acid with an amine to produce amide amidine derivatives of polyalkenylsuccinic anhydride.*
109326. Schloemann Aktiengesellschaft. Improvements in or relating continuous production of roller sections. (19th April 1966). Accepted on 13th November 1968.  
*Particles are supplied to a space immediately adjacent the roll gap and particles remain a short, approximately constant time in the space before entering roll gap and the rate of particle flow is determined by the height of particles heap above roll gap.*
109410. Gosudarstvenny Nauchno-Issledovatelsky Institut Teploenergeticheskogopriborostroeniya. Electric motor. Accepted on 15th November 1968.  
*Comprising stators pole terminals, rotor windings.*
109417. B. H. Technical Developments Limited. Foamed polyurethane compositions. (28th February 1966). Accepted on 16th November 1968.  
*Mixing together the reactive ingredients with a volatile organic compound.*
109438. B. Garodia. Step voltage regulator. [Addition to No. 109258]. Accepted on 15th November 1968.  
*Characterised in that a three phase contactor circuit is provided for each of the relays and adapted to be actuated by the relays said contactors adapted to provide a selection of contacts on a secondary of a transformer.*
109473. J. B. Ghare. An improved integrated compass. Accepted on 8th November 1968.  
*Wherein there is provided or transparent window in the pivot section and a circular scale for measuring angular degrees extended by the two arms of the compass is characterized in that on the edge of one arm there is a scale for linear measurement while the other arm is equipped with an attachment capable of holding a pencil on one side and a sharp pointed pin at the other.*
109514. Gosudarstvenny Nauchno-Issledovatelsky I Proektny Institut Avtonoi Promyshlennosti I Poduktov Organicheskogo Sinteza. Method for production of cyclohexanone, cyclohexanol and adipic acid and reaction vessel in unit for accomplishing the same. Accepted on 8th November 1968.  
*Characterises in introducing water below the bubbling zone water that extracts organic acids formed, separating the aqueous layer, subsequently distilling cyclohexanone and cyclohexanol dissolved in it, and treating with  $HNO_3$  to decompose the resinous substance that hamper the crystallization of adipic acid and oxidising the cyclohexanol separated from the organic layer and reaction vessel for the same.*
109997. The Dunlop Company Limited. Method for the manufacture of flexible sheet materials. (6th April 1966). Accepted on 8th November 1968.  
*A binder is applied to one surface of an assembly of a compressed sheet adhered to a fibrous or cellular material, allowed to permeate and impregnate the assembly and the impregnated assembly is heated to set the binder.*
109999. The Dunlop Company Limited. Flexible sheet materials and a method for producing the same. (6th April 1966). Accepted on 8th November 1968.  
*A compressed sheet of a cellular material is adhered to a fibrous or a cellular material.*
110080. Avery-Hardoll Limited, and Back & Co. (Meters) Limited. Improvements in and relating to liquid dispensing apparatus. (5th April 1966). Accepted on 8th November 1968.  
*An apparatus for dispensing blends of two different liquids e.g. two petrols of different octane rating or petrol or oil.*
110158. Krasnodarsky ordena Trudovogo krasnogo Znameni zavod elektroizmeriteleykh priborov. Moving-iron ratrometer. Accepted on 8th November 1968.  
*Characterised in that the movable iron is made as a plate and is located in the slot of an auxiliary pole tip, arranged between pole tips.*
110297. I. Chaliha. Vehicle for cultivation. Accepted on 19th October 1968.  
*Plurality of parallel floating platforms at the two ends of each of which is arranged a bearing, housing a shaft which carries plurality of cranks equilaterally displaced with each other, a connecting rod connecting a crank at one end of the platform with the corresponding one on the other end of the platform, the connecting rod carrying one end of a plurality of legs and a common shoe connected to the other ends of the said legs.*
110355. J. A. Lukas. Production of potassium chloride from schoenite and from brines containing potassium, magnesium, chloride and sulfate. Accepted on 24th October 1968.  
*Comprising reacting the salt, at a temperature not substantially in excess of  $35^{\circ}C$ , under conditions of agitation, in an aqueous medium which includes magnesium chloride.*
110382. Zavod "Vibrator". Light spot electrical measuring instrument. Accepted on 2nd November 1968.  
*Comprises an optical system, a moving coil measuring mechanism, and a mirror connected therewith.*
110492. The English Electric Company Limited. Improvements in overcurrent relays. (13th May 1966). Accepted on 2nd November 1968.  
*Comprising rectifier circuit, circuit means, device capable of effecting protective and function.*
110538. Institut Francais Du Petrole Des Gabarants Et Lubrifiants. Process for manufacturing alcohols by oxidation of hydrocarbons. Accepted on 5th November 1968.  
*Contacting saturated non-branched hydrocarbon in a liquid phase with a gas containing molecular oxygen in presence of a boron compound, hydrolyzing the reaction product, separating the obtained boric acid and fractionating the obtained organic phase in recovered saturated hydrocarbon, alcohol and ketone.*
110541. Marshall & Sons Co., (India) Ltd. Improvements in or relating to trailer assemblies. Accepted on 5th November 1968.  
*Comprises a platform flat having at least one depending support flat, a platform extension having one or more depending flats which abut against the depending support flats when said extension is attached to the platform flat.*
110559. General Electric Company. Stereoscopic x-ray apparatus. Accepted on 8th November 1968.  
*Comprising a source of two X-ray beams, beam controlling means, an image converter, and an orthogonal polarizer and an analyzer, both relatively rotatable with each other.*
110575. Indian Oxygen Limited. Gas valve arrangements. (10th May 1966). Accepted on 11th November 1968.  
*Comprising casing, inlet port, control port, conduit, source, outlet port, diaphragm, connecting means, closure member.*
110592. Central Glass Co., Ltd. A method for manufacturing chlorinated hydrocarbons. Accepted on 11th November 1968.

- Comprises reacting lower olefinic hydrocarbon and a mixture of hydrogen chloride and oxygen bearing gas in presence of a catalyst comprising cupric chloride and at least one condensed phosphate selected from the group  $NaPO_3$ ,  $KPO_3$ ,  $Na_4P_2O_7$  and  $Na_5P_3O_{10}$ .*
110622. C. B. Garware. Improvements in or relating to sleeveings, tubes and pipes. Accepted on 12th November 1968.  
*Comprising a hopper, extruder, die, tube, conveyor belt and drawing rollers.*
110626. J. R. Geigy A. G. Process for the production of a thermostable crystal form of a bis-triazinylamino-stilbene derivative and a solid detergent containing the same. Accepted on 11th November 1968.  
*Heating to 100—200°C thermally unstable form of a bis-triazinylamino-stilbene derivative with IN electrolyte solution of sodium salts of inorganic or organic acids.*
110685. Shri B. Krishnappa. Process and apparatus for printing on fabrics. Accepted on 14th November 1968.  
*Consists in forming a printing colour film on an immiscible liquid surface and causing the material to be printed to come in surface contact with said film.*
110918. T. S. V. Pillay. A device for preventing tyres being punctured. Accepted on 18th November 1968.  
*Cover for motor tyre made of steel or plastic fixed below thread rubber tyre to prevent a steel shoe or nail from puncturing tyre.*
110959. Mecano-Bundy GMBH. Improvements in or relating to heat exchanger tubes. Accepted on 7th November 1968.  
*Wherein the external surface of tube and/or the surface of wire or strip is or are coated with a layer of non-ferrous metal and wire or strip is attached to tube over its whole length by a soldered connection.*
111010. Celfil Company Establishment. Method and apparatus for making filter material for cigarettes. Accepted on 12th November 1968.  
*Comprising advancing a moistened inelastic web of the material through the nip between a pair of meshing heated grooving and stretching rolling, advancing the grooved and stretching web emerging from nip in contact with one of the rollers.*
111153. Inventa A. G. sui Forschung und Patentverwertung. Improvements in relating to method of preventing the deposit of oligomers in the vacuum units during the preparation of linear polyesters. Accepted on 16th November 1968.  
*Wherein the step of preventing the deposit of oligomers in the two vacuum steam jet units connected in series is effected by heating to a minimum temperature of 280°C.*
111196. Dipl. Ing. N. G. Mavalankar. Improvements in or relating to pneumatic cleaning devices for textile carding engines. Accepted on 14th November 1968.  
*Comprises a casing, inlet means for admitting air, a wire mesh screen and an exhaust fan.*
111202. Caterpillar Tractor Co. Reinforcement for pneumatic tires. Accepted on 8th November 1968.  
*Comprising plies extending from first bead to the second through sidewalls and tread region, the plies having end portions which are doubled back in the region of the bead with end portions of the plies being closer to the inner surfaces of the side walls.*
111284. Universal Oil Products Company. Improved catalytic reforming for liquefied gas production. Accepted on 15th November 1968.  
*Characterized by effecting the contact of the charge stock and Hydrogen with the catalyst in the presence of from about 10 to about 5000 parts of sulfur per million part by weight of said charge stock.*
111485. Vyzkumny a vývojový ustav Zavodu všeobecného strojírenství. Improvements in and relating to a magazine for automatic fire arms. Accepted on 7th November 1968.  
*Characterized therein that the open mouth piece is provided with means for guiding the cartridge bolt and means for preventing its return movement.*
111486. Vyzkumny a vývojový ustav Zavodu všeobecného strojírenství. Improvements in and relating to automatic fire arms. Accepted on 7th November 1968.  
*Characterized in that the breech bolt of substantially cylindrical shape is provided with two symmetrically located pins carrying rotatable rollers for periodic engagement with one or two cam surfaces likewise arranged in the block.*
111581. Sarco International Corporation. Control valve. Accepted on 6th November 1968.  
*Having a liquid operated diaphragm partially defining an actuating chamber filled with the liquid and in communication with a secondary chamber acting as a liquid reservoir and in communication with actuating gas.*
111696. Konstruktorskoe Buro Koksokhimcheskogo Mashinostroenia. Machine for removal and installation of covers for charging hatches of coke ovens and for subsequent removal of charge around these hatches. Accepted on 12th November 1968.  
*Comprising a telescopic device for directing the charge and being contilevered mounted on a horizontal reduction gear of a mechanism for removal and installation of the cover a mechanism for removal of the charge being mounted at the funnel of the reduction gear.*
111750. Universal Oil Products Company. Improved process for the production of high octane reformat. Accepted on 7th November 1968.  
*Characterised in pressurising the reforming zone with hydrogen from 5.1 to 10.2 atmosphere gauge, circulating  $H_2$  at 413-441°C introducing the hydrocarbon charge and raising the temperature at a rate of from about 2.8°C to 16.7°C per hour to a temperature of 496°C—538°C withdrawing the effluent at 27.2 to 47.6 atmosphere gauge.*
111966. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (23rd August 1966). Accepted on 8th November 1968.  
*an industrial lift truck having an extensible mast mounted on the truck body consisting four portions, the first portion being connected directly to the body, and the second third and fourth portions being mounted for vertical movement on the first second and third portion respectively, these portions being connected by cable or chains over pulley blocks and provided with a jack to carry out the lifting.*
111979. Celanese Corporation. Improvements in the method of producing homopolymeric and copolymeric oxymethylene. Accepted on 13th November 1968.  
*Characterises in using as the cationic polymerisation catalyst a tri or penta aryl halide of elements having an atomic number about 4 but excluding halogens.*
112026. Sandoz Ltd. Anthraquinone dyes, their production and use. Accepted on 15th November 1968.  
*Comprises sulfonation of the corresponding 1, 4-di-(substituted amino) anthraquinone to get the product.*
112056. Libbey-Owens-Ford Glass Company. Method of bending glass sheets. Accepted on 7th November 1968.

- Characterized in that shaping surface is moved vertically through plane to lift sheet thereby causing the sheet to settle onto shaping surface under the influence of forces resulting from the inertia of the sheet and from gravity.*
112258. Ugine Kuhlmann. Improvement in or relating to the manufacture by extrusion of profiled products of expanded plastics material. Accepted on 8th November 1968.  
*Comprises extruding through a die in an unexpanded or partially expanded state and producing a continuous cavity in the material during extrusion.*
112521. National Research Development Corporation. Improvements in or relating to rotary machines. (3rd October 1966). Accepted on 8th November 1968.  
*A rotary machine including a casing, a shaft having an inclined portion and a disc like rotor, the casing having a circumferential convergent divergent channel formed therein to constitute a working volume, and seals are formed to divide the working volume into a plurality of chambers, the extent of individual chambers being varied during rotation of the rotor.*
112681. Philips India Limited. Improvements in or relating to lampholders, starterholders, connector blocks, switches, sockets and like electrical appliances. Accepted on 8th November 1968.  
*In the housing of which are provided at least two preshaped, metal-contact springs, the ends of which are bent so as to press hold conductor wires, introduced into the housing through two or more opening against the wall of the housing and a plurality of projections and bosses to retain the contact spring in proper shape.*
112841. Dorr-Oliver Incorporated. Filter media supporting grid structure. Accepted on 8th November 1968.  
*Grid structure comprises a multitude coiled wire element laterally adjoining and hinged to one another and being spot welded to each other at their hinged connections.*
112935. S. R. Nanavati. Exhibition of variously coloured patterns in illumination. [Addition to No. 107246]. Accepted on 6th November 1968.  
*An apparatus for the display of a predetermined pattern in coloured illuminations inside a predetermined outline comprising a frame and equipped with thin removable opaque partitions forming plurality of compartments and being equipped with one or more differently coloured electricbulb in a manner in which the bulbs can be selectively lighted as required in one or more compartments.*
112980. Societe Des Accumulateurs Fixes Et De Traction. Electrochemical cell of the cylinder type. Accepted on 15th November 1968.  
*Elastic means such as a spring, ring clip or similar, are situated around the skirt in order, in several zones or over a wide continuous zone, to clamp it onto the rod.*
112991. National Lead Company. Improvements in or relating to polymer additive compositions. Accepted on 12th November 1968.  
*Comprises in coating the solid additive substrate with a wax and atleast 5 p.c. by weight of a hydroxyl containing material having from 8—28 carbon atoms per molecule.*
113071. P. R. Mallory & Co., Inc. Electric current producing cell incorporating leached amalgamated zinc anode, and process for fabricating said anode. Accepted on 8th November 1968.  
*Characterised in that anode, is a highly metallic porous amalgamated zinc pellet anode made from an admixture of ammonium chloride, magnesium sulfate, zinc and mercurous chloride.*
113111. Metallgesellschaft A. G. Process for the catalytic conversion of  $\text{SO}_2$  to  $\text{SO}_3$  with production of sulfuric acid. Accepted on 12th November 1968.  
 *$\text{SO}_2$  flowing along a path between two contacting trays is branched off one portion undergone interstage absorption treatment volumetric rate being controlled that mixed gas acquires inlet temperature of mixed contacting tray.*
113128. P. C. I. Mistry. Improved foaming cot. Accepted on 11th November 1968.  
*At the end of each longer tubular member is fitted a foldable leg hingedly connected with a sliding socket whereby the socket with foldable leg can slide inside the longer member at its folded position and provided with an instant and automatic locking device.*
113173. C. A. Norgren Co. Improvements in or relating to automatic liquid filling control apparatus. (18th January 1967). Accepted on 8th November 1968.  
*Automatic liquid filling control apparatus for supplying lubricant to a compressed air power system to internally lubricate various air tools and devices.*
113177. K. Nagarajan. A water-tap-attachment for continuously mixing a liquid, in desired proportions, in the water flowing through a tap. Accepted on 11th November 1968.  
*A bottle or like container, a multiport device having an intake port, at least one exhaust port, one or more intermediate ports, and a tongue-valve slidably located in the bore of the neck of the bottle.*
113243. Ciba Limited. New Monoazo pigments, processes for their manufacture and materials pigmented therewith. Accepted on 13th November 1968.  
*Condensing carboxylic acid halide with a monoamine.*
113244. Ciba Limited. New water-insoluble perinone dyestuffs, process for their manufacture and materials dyed therewith. Accepted on 13th November 1968.  
*Condensing a perinone with an azole.*
113423. Taylor and Challen Limited. Power driven presses. (6th December 1966). Accepted on 12th November 1968.  
*Stroke being adjustable by means of a double eccentric or equivalent device and having provisions for braking the crankshaft of the press if the press overruns or reverse runs with its guard in the open position, these provisions including a cam synchronised with the rotation of the crankshaft.*
113736. Fuji Iron & Steel Co. Ltd. Process for surface heating chromium plated steel sheet. Accepted on 12th November 1968.  
*Comprising cathodically treating in an aqueous solution containing chromic anhydride as main component with addition of one or more selected from the group consisting of hydroxides, and carbonates of alkali metal, calcium, magnesium and strontium in an amount more than 20% by weight of the chromic anhydride.*
114021. Dorr-Oliver Incorporated. A rake lifting mechanism for continuously operating sedimentation apparatus. Accepted on 12th November 1968.  
*Sediment raking structure operating in a tank and has a central cage portion with a bull gear at the top and is mounted on a turntable base supported on a stationary base portion of the tank, a hollow pier rising from the said base portion within said cage portion has fixed thereto a set of at least three vertical columns spaced evenly about said vertical axis and providing vertical tracks for guiding vertical movement of said turntable base together with rake structure.*

114079 Blocked Iron Corporation. Method of producing a high strength self reducing lump ore. Accepted on 8th November 1968.

*From finely divided iron containing materials comprising admixing finely divided metal are containing material with a carbonaceous material, forming the mixture into lumps and reacting the lumps with carbon dioxide in the presence of moisture.*

114117. V. A. Neotia. Flashlight-cum-tool holder. Accepted on 8th November 1968.

*A flashlight, a transparent dome, mounted on the top of the flashlight tube, a capstan mounted a top.*

114164. Schloemann Aktiengesellschaft. Continuous casting plant. Accepted on 11th November 1968.

*Guideway consists of rollers mounted in a frame surrounding the continuous casting, the elements of the frame extend perpendicularly across the longitudinal roller axes on opposite sides of the rollers.*

114265. MacLellan Rubber Limited. Flexible seals. Accepted on 8th November 1968.

*A flexible seal for expandable joints whose dimensions may alter in use such as in a joint between bridge decks as the adjacent panels of prefabricated building or other structures, the width of the joint altering by expansion or contraction under thermal load.*

114301. Nippon Tensai Seito Kabushiki Kaisha and Kabushiki Kaisha Circle Tetsukojo. Seedling transplanting device. Accepted on 12th November 1968.

*Paper cylinder conveyor for carrying the assembly of paper cylinders, another paper cylinder row conveyor swiveling at right angles to the travel direction of the aid conveyor for carrying a row of paper cylinders and a paper cylinder row push down device and a blade for separating individual cylinders.*

114307. The Dunlop Company Limited. Improvements in pallets. Accepted on 11th November 1968.

*Comprising a flexible rubber or plastic material having embedded therein a composite reinforcement comprising a textile reinforcement or hard rubber or plastic layer sandwiched between two layers of individually flexible high modulus cords.*

114399. A. P. Green Refractories Co. Ladle rod and sleeve assembly. Accepted on 8th November 1968.

*Cylindrical inner and outer portions of insulating refractory and high refractory materials respectively with a central passage therethrough.*

114674. C. S. Rao. Improvement in or relating to zip fasteners. Accepted on 12th November 1968.

*Rider of the zip having two integrally connected operating loops, one at the top and the other at the bottom of the rider.*

115482. The Dunlop Company Limited. Conductor spacers for multi-conductor electrical overhead transmission lines. (3rd May 1967). Accepted on 6th November 1968.

*Comprising a spacer frame, a plurality of lamp means one to grip each of the conductors to permit longitudinal movement of the conductors and others in a direction transverse of the conductors.*

115542. Siemens Aktiengesellschaft. Improvements in or relating to selector mechanisms for typewriters and the like. (1st February 1968). Accepted on 7th November 1968.

*Wherein levers are arranged in a common frame which can be driven in the direction towards setting elements and wherein levers individually settable by means of respective electromagnetic means from one setting position into the other.*

115547. M. S. Gharyal. Device for detecting undesirable knocks in an engine. Accepted on 8th November 1968.

*Comprises a sealed chamber body, a diaphragm within the chamber, a contact point projecting externally from the body and connected to the diaphragm through a wire or the like extending to the diaphragm from the chamber on one side of the diaphragm, means provided on the opposite side of the diaphragm for converting the vibrations of the diaphragm into sound waves through an electrical system.*

115630. N. R. Gupta. An improved insertion plug for electrical appliances. Accepted on 6th November 1968.

*Characterised in that the two halves of plug on either side of the terminals can be split up and opened and having means for also fixing the two halves together when pressed.*

115857. Hindustan Klockner Switchgear Limited and M. A. Joshi. An improved electromagnetically operated contactor for an alternating current circuit. Accepted on 7th November 1968.

*Characterised in that the moving contact points are positioned at the ends of a strip of elastic material which strip is connected at its centre to a holder in the bridge of the moving system of the contactor.*

115858. Hindustan Klockner Switchgear Limited and M. A. Joshi. An improved electromagnetically operated contactor for an alternating current circuit. Accepted on 7th November 1968.

*Characterised by the interposition between the moving contact point and its carrier strip a horn shaped conducting bar with each pair of the moving and fixed contact point being enclosed in a arcing chamber.*

115975. Carey Cushion Vehicle Corp. Improvements in or relating to a system for agricultural spraying, dusting or the like. (1st June 1966). [Divisional date 10th May 1967]. Accepted on 11th November 1968.

*Comprises a ground effect machine having means for causing air stream to be ingested therethrough and effluxed therefrom in a manner to produce a component of lift causing the machine to lift off the ground, a dispensing means for substance to be dispensed in the spraying.*

115988. Melina S. A. Adjusting device for the tension of the thread supplied to the needle of a sewing machine. Accepted on 11th November 1968.

*The shaft bears at its outer end a grooved hub on which the knob is engaged at its central part of a corresponding shape, fixing means ensuring the maintenance of the knob on the said grooved knob.*

116109. B. Garodia. Step voltage regulator. [Divisional date 9th February 1967]. Accepted on 11th November 1968.

*Comprising a transformer a control circuit connected to its secondary, said control circuit operates a relay to provide a suitable contact on the terminals on the transformer secondary depending on the transformer input voltage.*

117900. Rohm and Haas Company. Lubricant and fuel compositions containing novel amide-amidine derivatives of polyalkenyl succinic anhydride or acid. [Divisional date 15th February 1967]. Accepted on 11th November 1968.

*Lubricant or fuel compositions containing amide-amidine derivatives of polyalkenyl succinic anhydride.*

#### Opposition Proceedings

The opposition entered by the Associated Cement Companies Limited to the grant of a patent on application No. 60929 made by A. K. Datta and advertised in the Gazette of India Part III, Section 2, dated the 30th August 1958 has been allowed with costs.

**Patents Sealed**

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**Renewal Fees Paid**

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**Cessation of Patents**

66629. 68760. 70495. 82309.

**Restoration Proceedings**

(1)

An order has been made on the 5th November 1968, restoring the patent No. 81799, dated as of the 17th April 1962, granted to Comet Industrial Corporation for "Improvements in or relating to inter communication sets".

(2)

An order has been made on the 4th July 1968, restoring the patent No. 71541, dated as of the 21st April 1960, granted to Maschinenfabrik Augsburg A. G. for "fuel injection type internal combustion engine comprising a precombustion chambers".

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent.

No. 87388—Despande Gopal Abaji.

The patent ceased on the 11th April 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 20th January 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 4th January 1969.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 79147—V. P. Asar.

The patent ceased on the 1st November 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th November 1966. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214 Lower Circular Road, Calcutta-17, on or before the 19th October 1968.

(5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 59995—Inventa A. G. Fur Forschung Und Patentverwertung.

The patent ceased on the 25th March 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 21st September 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th January 1969.

S. VEDARAMAN,  
 Controller General of Patents,  
 Designs and Trade Marks.